

FIG. 1
(PRIOR ART)

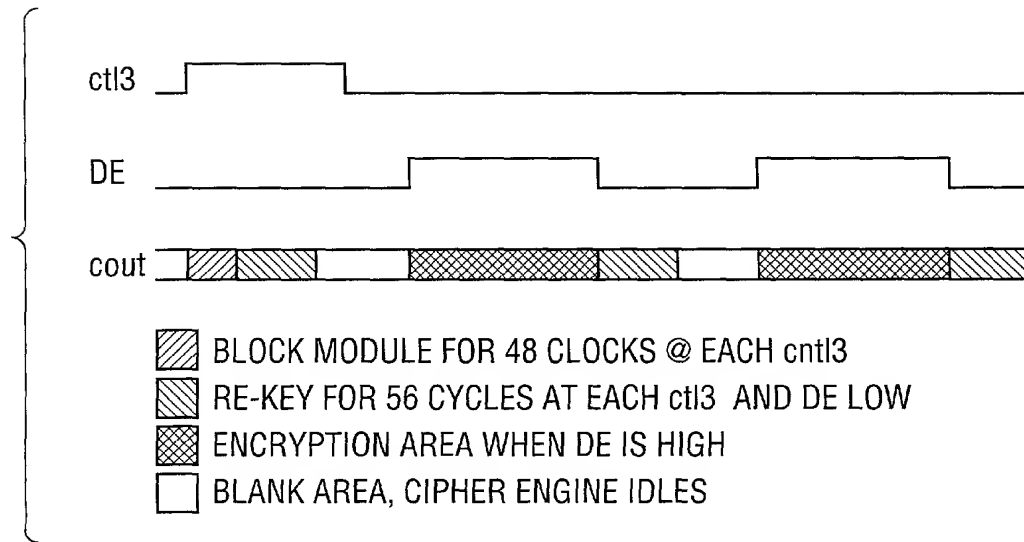


FIG. 2
(PRIOR ART)

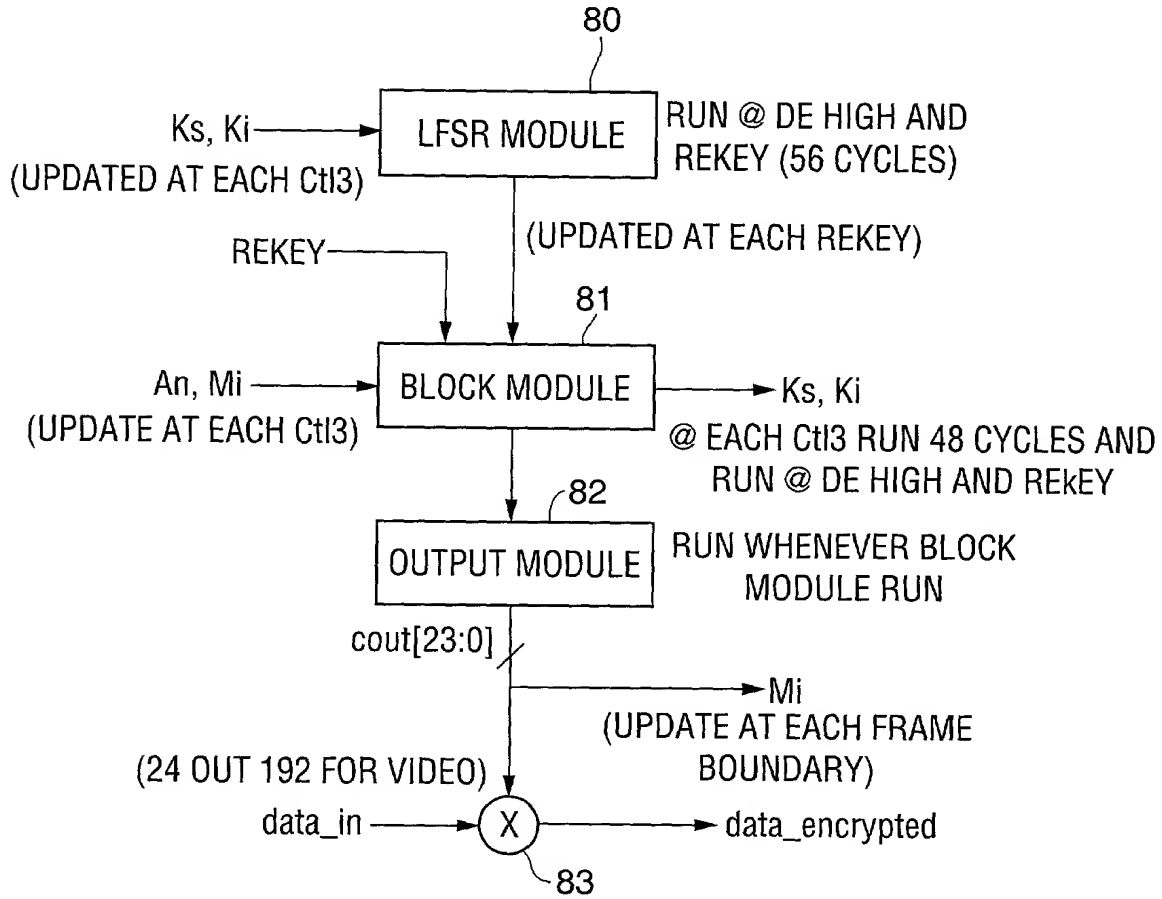


FIG. 3
(PRIOR ART)

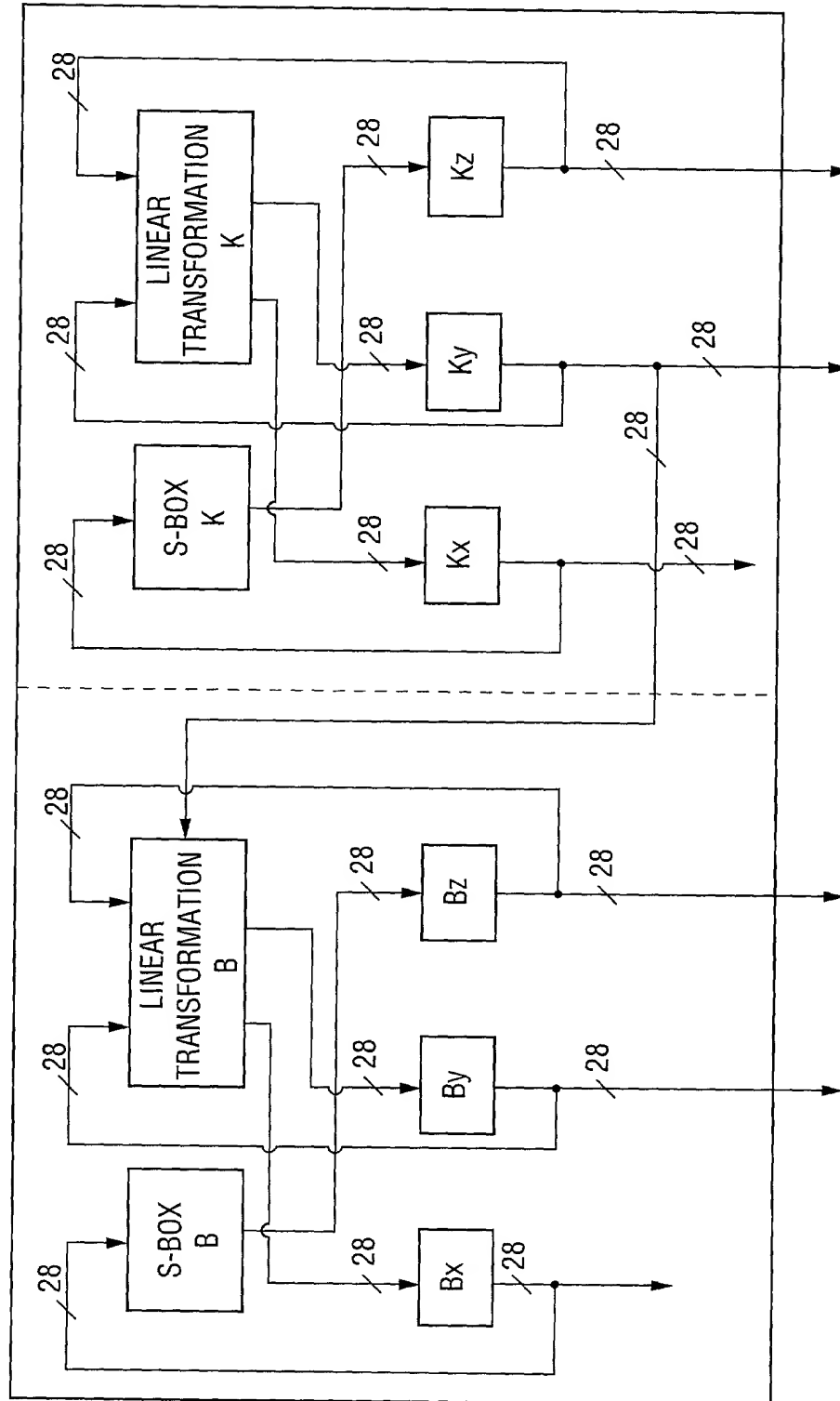


FIG. 4
(PRIOR ART)

FIG. 4 (PRIOR ART)

| INPUT | B0 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | K0 | K1 | K2 | K3 | K4 | K5 | K6 | K7 |
|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| ORIGIN | Bz | Bz | Bz | Bz | Bz | Bz | Bz | By | Kz | Kz | Kz | Kz | Kz | Kz | Kz | Ky |
| OUTPUT BIT | | | | | | | | | | | | | | | | |
| 0 | 17 | 26 | 22 | 27 | 21 | 18 | 2 | 5 | 3 | 6 | 0 | 9 | 4 | 22 | 5 | 10 |
| 1 | 5 | 20 | 15 | 24 | 2 | 25 | 0 | 16 | 20 | 18 | 7 | 23 | 15 | 5 | 3 | 25 |
| 2 | 22 | 5 | 14 | 16 | 25 | 17 | 20 | 11 | 7 | 19 | 2 | 10 | 22 | 4 | 13 | 21 |
| 3 | 19 | 3 | 15 | 11 | 21 | 16 | 27 | 1 | 6 | 14 | 9 | 8 | 17 | 18 | 12 | 24 |
| 4 | 19 | 6 | 17 | 18 | 22 | 7 | 9 | 12 | 25 | 6 | 5 | 2 | 10 | 15 | 21 | 8 |
| 5 | 3 | 7 | 4 | 8 | 16 | 6 | 5 | 17 | 27 | 14 | 2 | 4 | 24 | 19 | 1 | 12 |
| 6 | 8 | 21 | 27 | 2 | 11 | 24 | 12 | 3 | 17 | 26 | 4 | 16 | 27 | 7 | 22 | 11 |
| 7 | 9 | 5 | 7 | 4 | 8 | 13 | 3 | 15 | 9 | 10 | 19 | 11 | 7 | 6 | 8 | 23 |
| 8 | 26 | 13 | 23 | 10 | 11 | 7 | 15 | 19 | 13 | 12 | 18 | 24 | 15 | 23 | 7 | 16 |
| 9 | 1 | 0 | 19 | 11 | 13 | 16 | 24 | 18 | 0 | 5 | 20 | 25 | 1 | 24 | 9 | 27 |
| 10 | 26 | 13 | 9 | 14 | 10 | 4 | 1 | 2 | 14 | 23 | 27 | 25 | 17 | 19 | 1 | 22 |
| 11 | 21 | 15 | 5 | 3 | 13 | 25 | 16 | 27 | 6 | 21 | 17 | 15 | 26 | 11 | 16 | 7 |
| 12 | 20 | 7 | 18 | 12 | 17 | 1 | 16 | 0 | 11 | 22 | 20 | 0 | 26 | 23 | 17 | 2 |
| 13 | 14 | 23 | 1 | 12 | 24 | 6 | 18 | 9 | 8 | 4 | 3 | 14 | 20 | 26 | 23 | 15 |
| 14 | 19 | 6 | 21 | 25 | 23 | 1 | 10 | 8 | 19 | 0 | 18 | 2 | 13 | 8 | 24 | 14 |
| 15 | 3 | 0 | 27 | 23 | 19 | 8 | 4 | 7 | 16 | 21 | 24 | 25 | 12 | 27 | 15 | 18 |
| 16 | 6 | 5 | 14 | 22 | 24 | 18 | 2 | 21 | 3 | 5 | 8 | 25 | 7 | 27 | 2 | 26 |
| 17 | 3 | 4 | 2 | 6 | 22 | 14 | 12 | 26 | 11 | 14 | 23 | 17 | 22 | 13 | 19 | 4 |
| 18 | 25 | 21 | 19 | 9 | 10 | 15 | 13 | 22 | 1 | 16 | 14 | 11 | 12 | 6 | 10 | 19 |
| 19 | 23 | 11 | 10 | 20 | 1 | 12 | 14 | 4 | 21 | 1 | 10 | 20 | 18 | 26 | 9 | 13 |
| 20 | 11 | 26 | 20 | 17 | 8 | 23 | 0 | 24 | 20 | 21 | 9 | 25 | 12 | 3 | 15 | 0 |
| 21 | 9 | 17 | 26 | 4 | 27 | 0 | 15 | 6 | 18 | 12 | 21 | 27 | 1 | 16 | 24 | 20 |
| 22 | 22 | 12 | 2 | 10 | 7 | 20 | 25 | 13 | 13 | 0 | 3 | 16 | 22 | 11 | 26 | 9 |
| 23 | 27 | 24 | 26 | 8 | 0 | 9 | 18 | 23 | 2 | 0 | 13 | 5 | 4 | 8 | 10 | 3 |

FIG. 5
(PRIOR ART)

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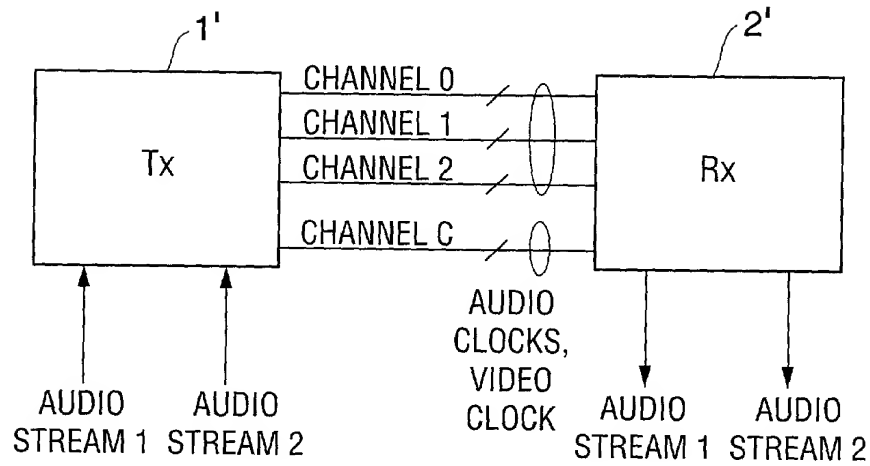


FIG. 6

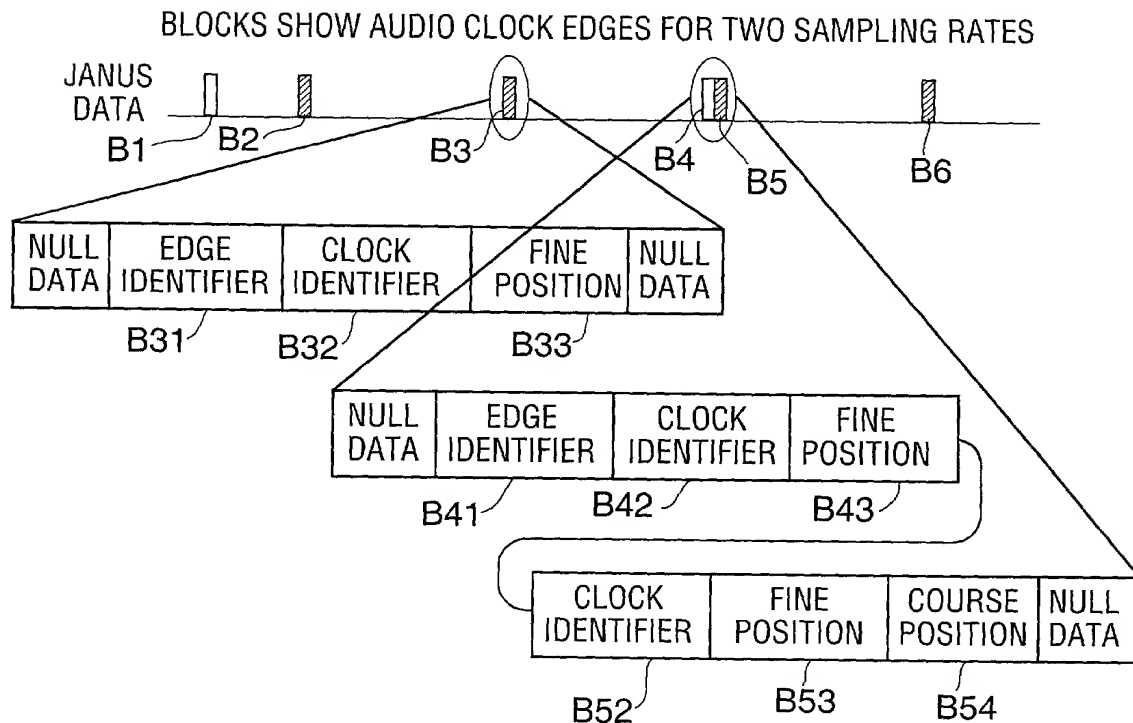
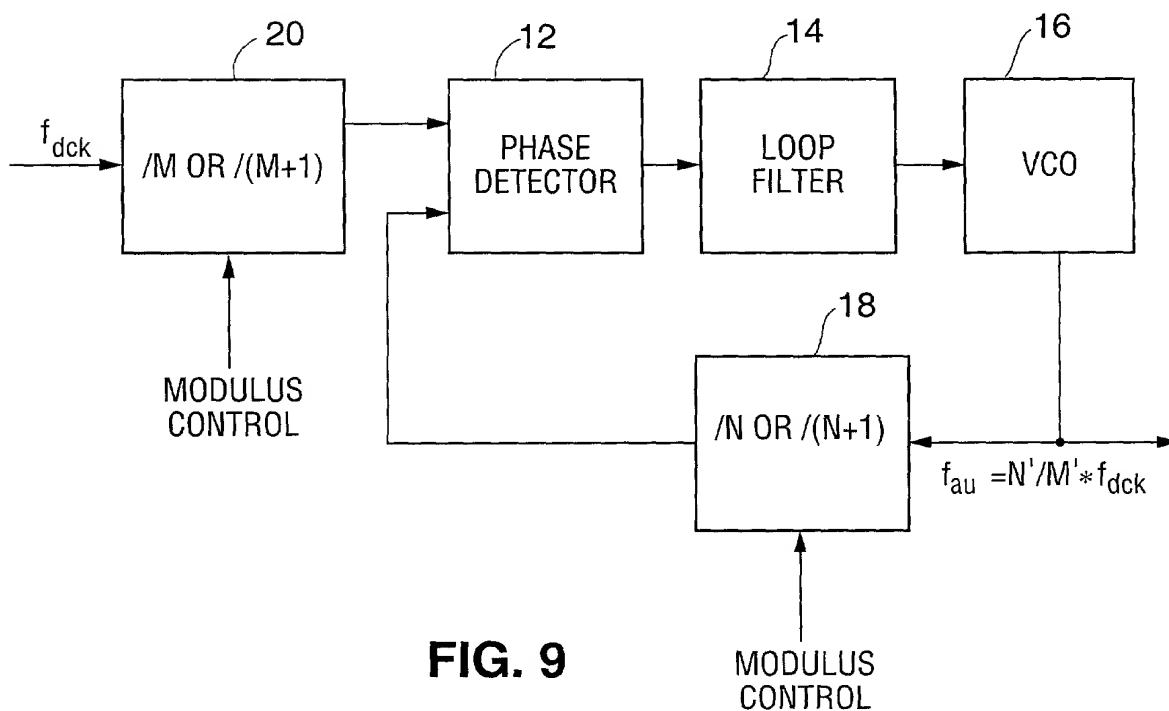
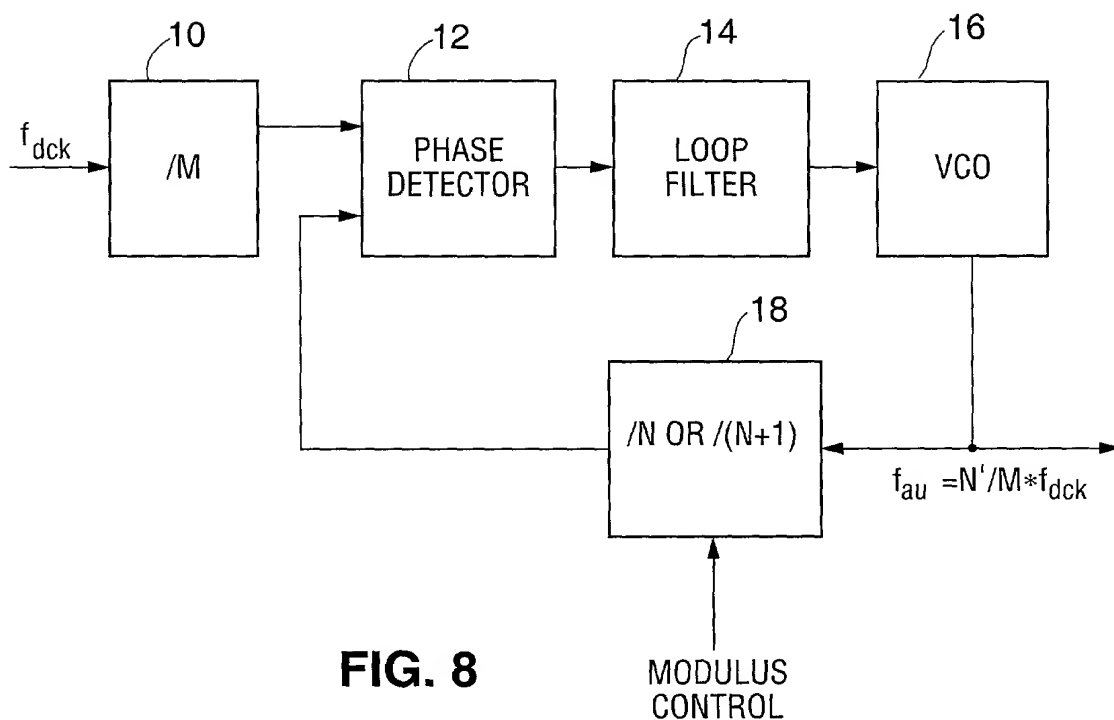


FIG. 7



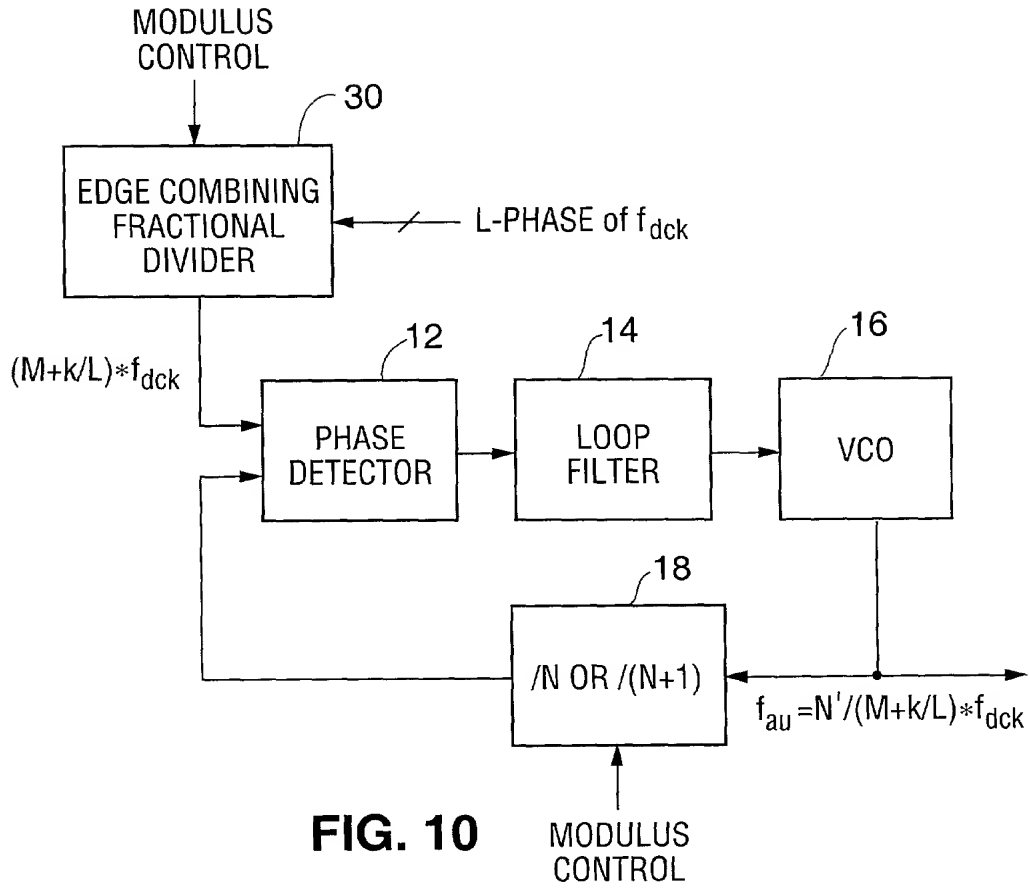


FIG. 10

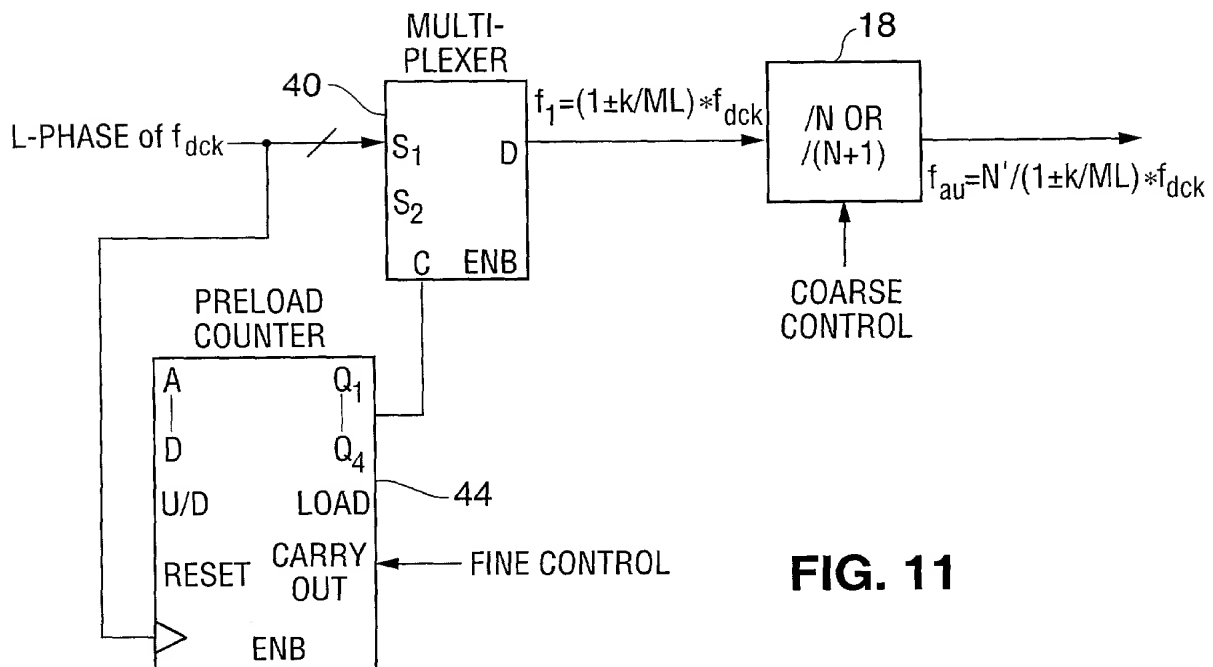


FIG. 11

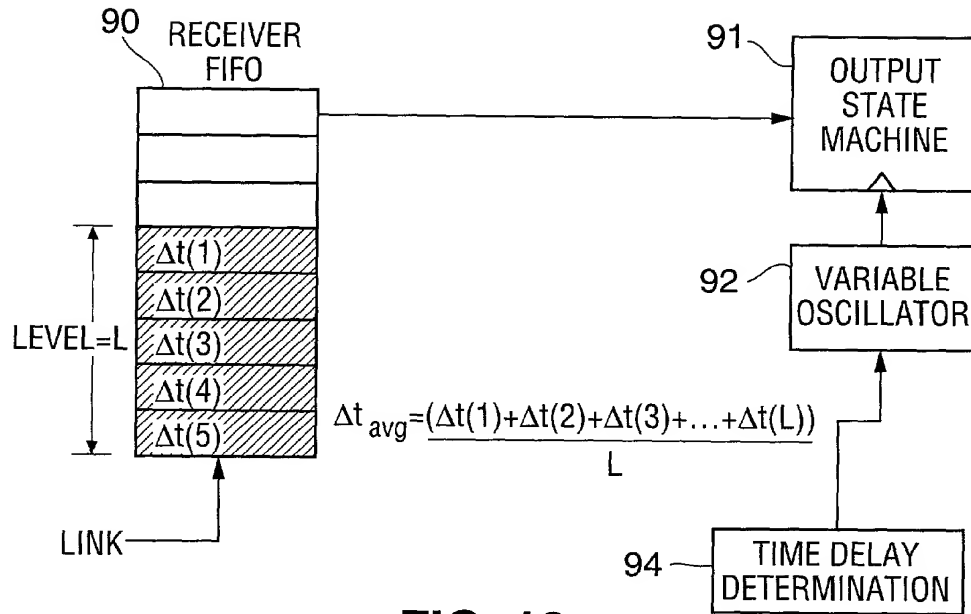


FIG. 12

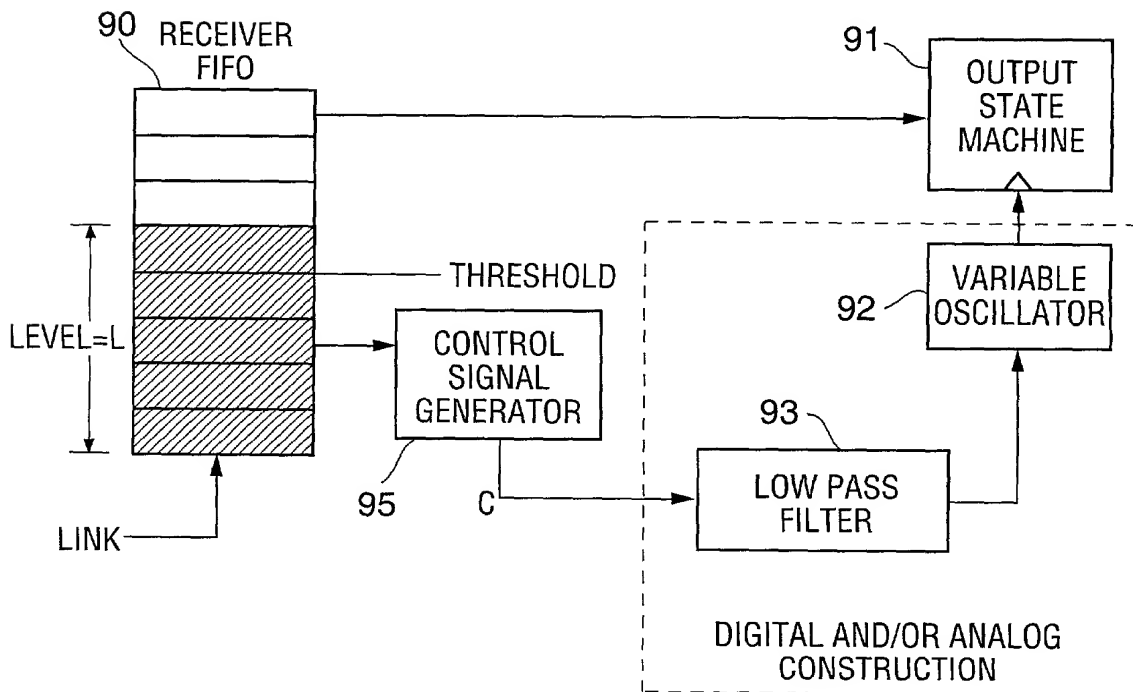


FIG. 13

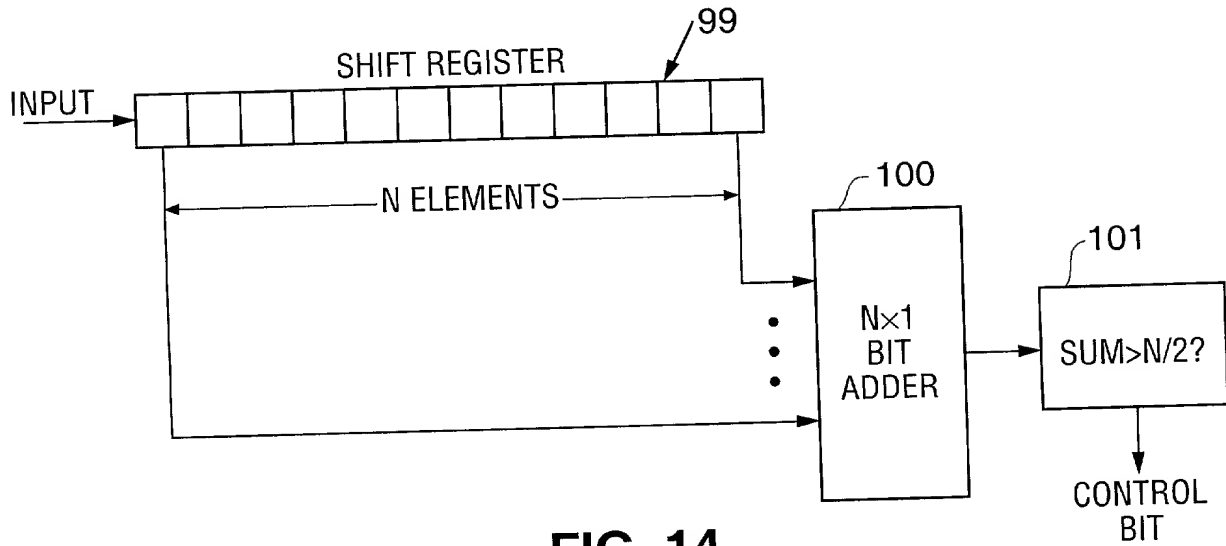


FIG. 14

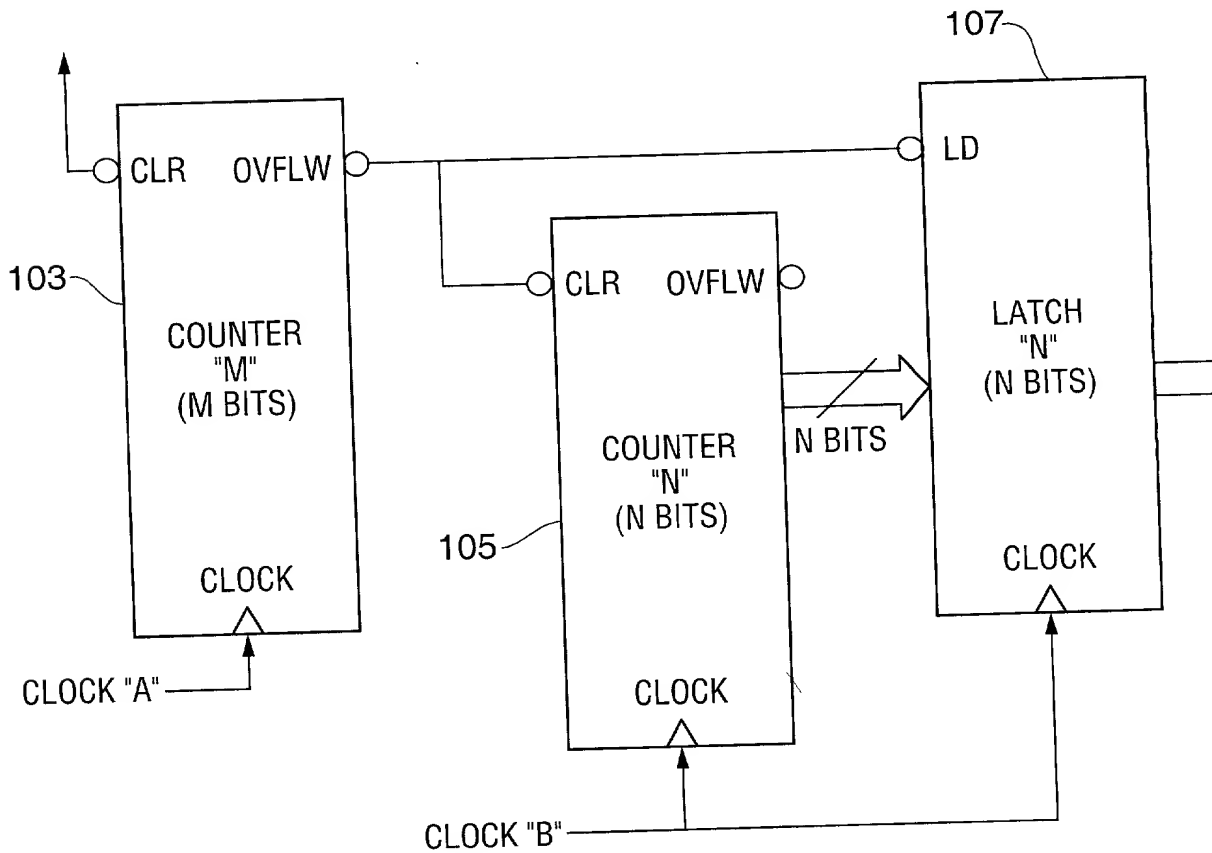


FIG. 15

FIG. 14

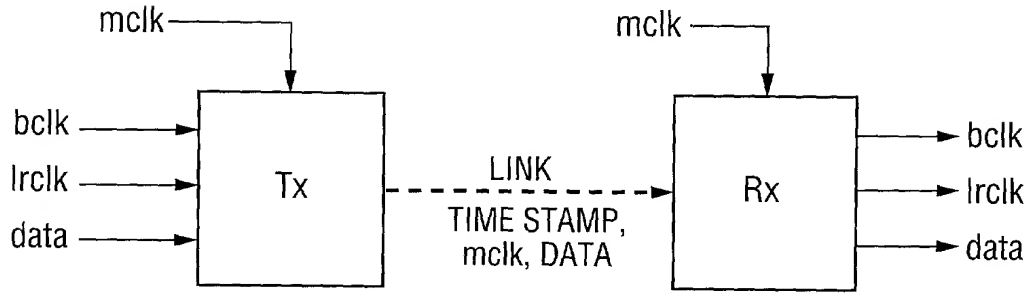


FIG. 16

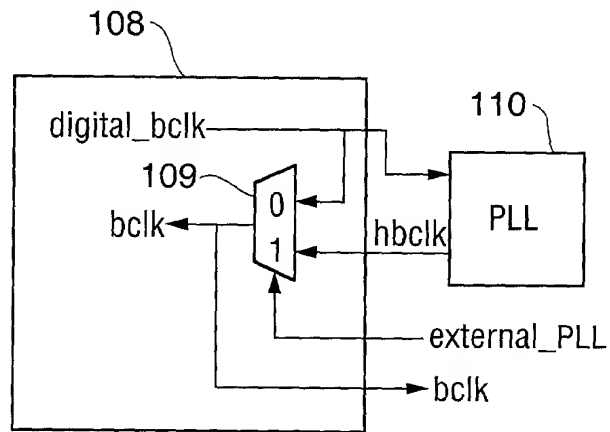


FIG. 18

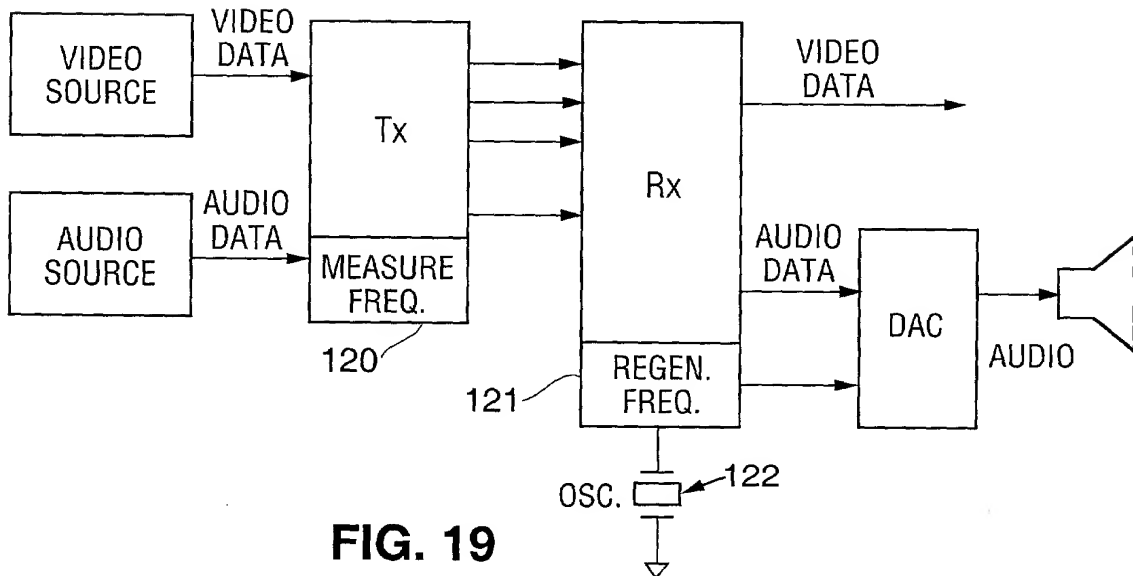


FIG. 19

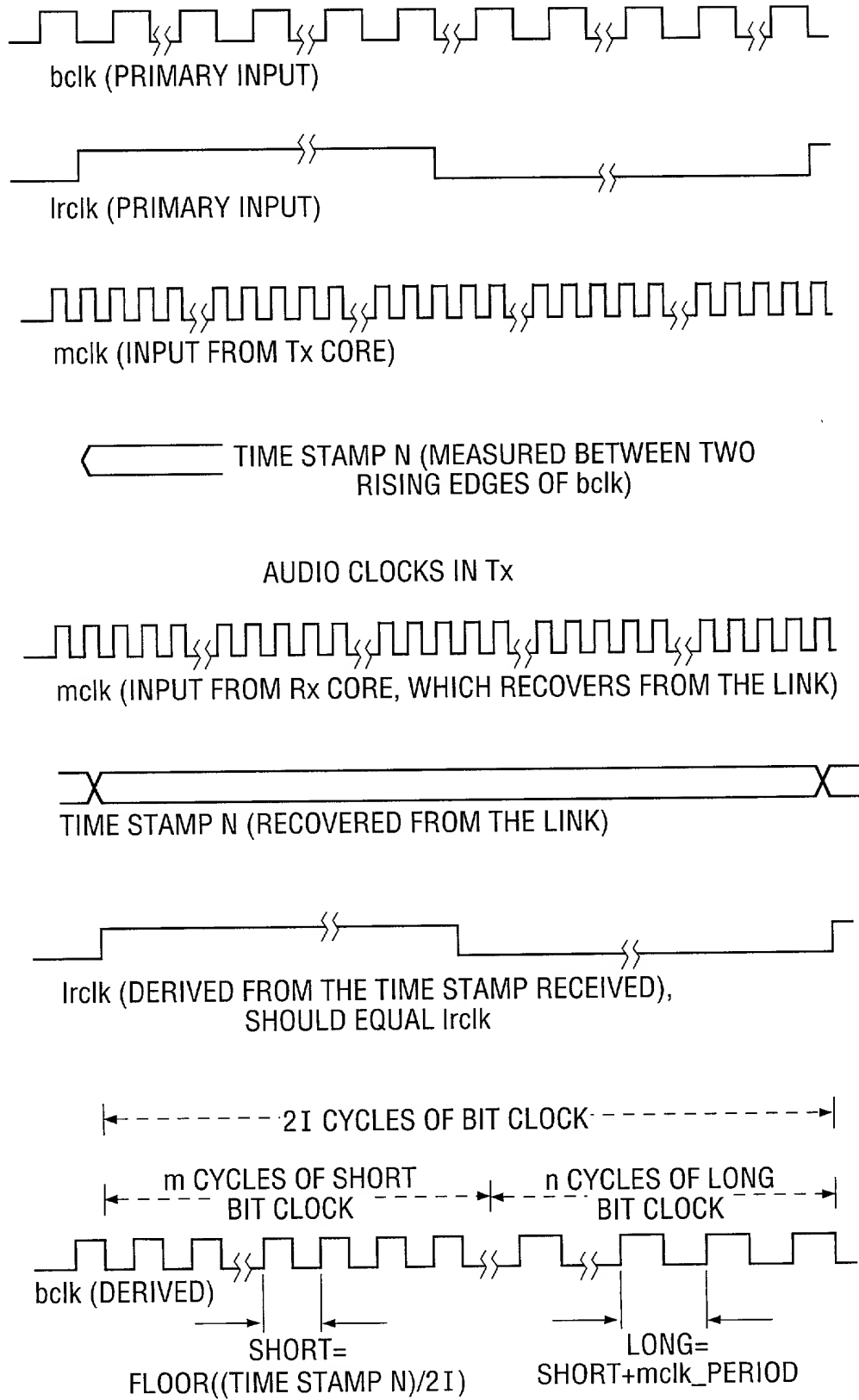


FIG. 17

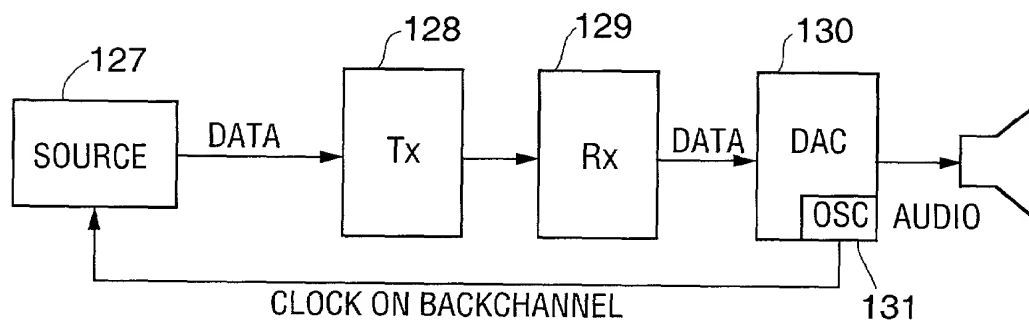


FIG. 20

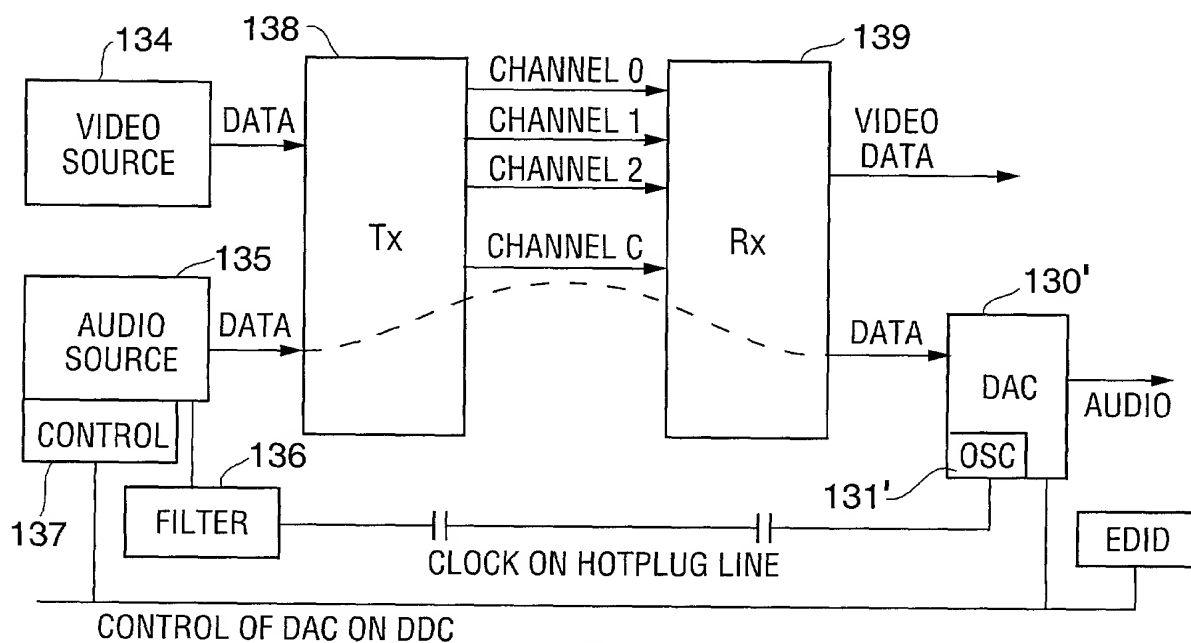


FIG. 21

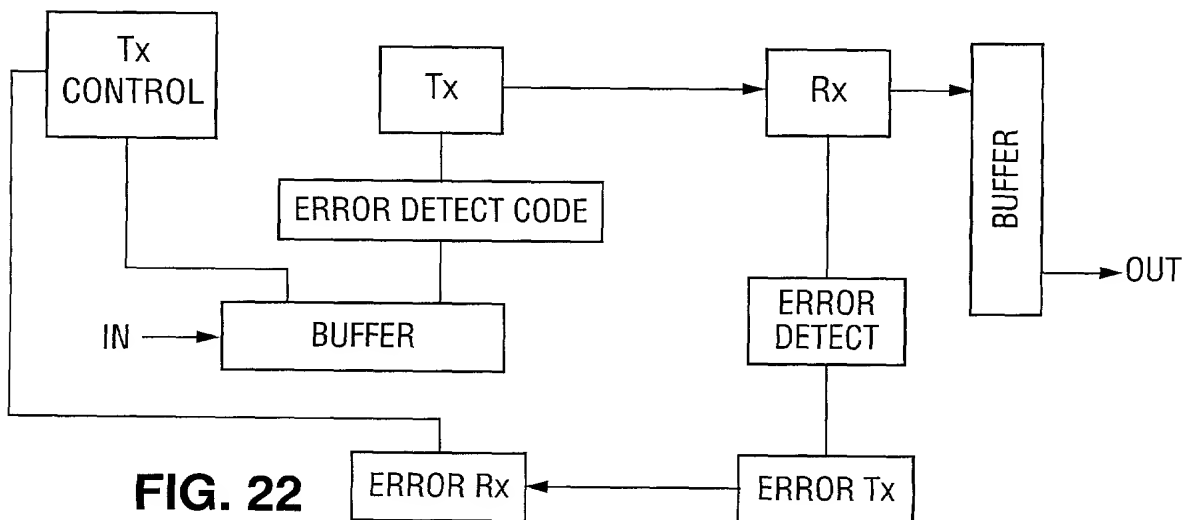
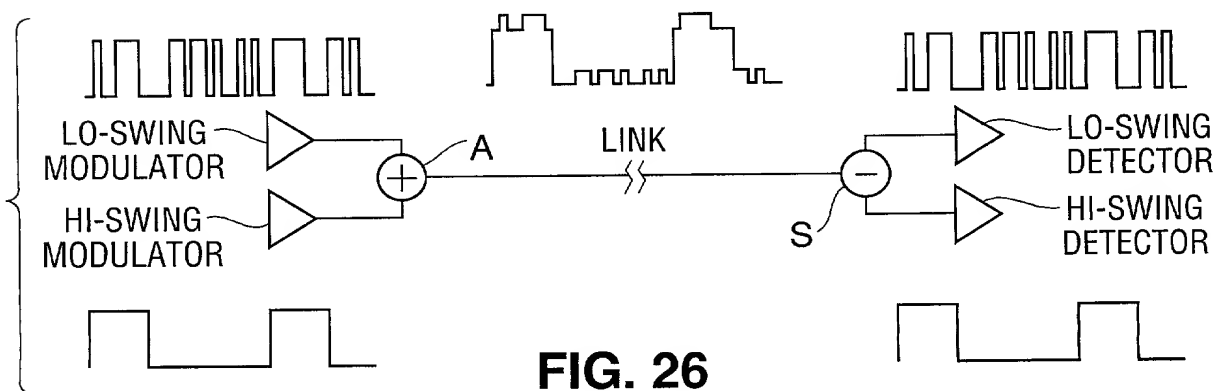
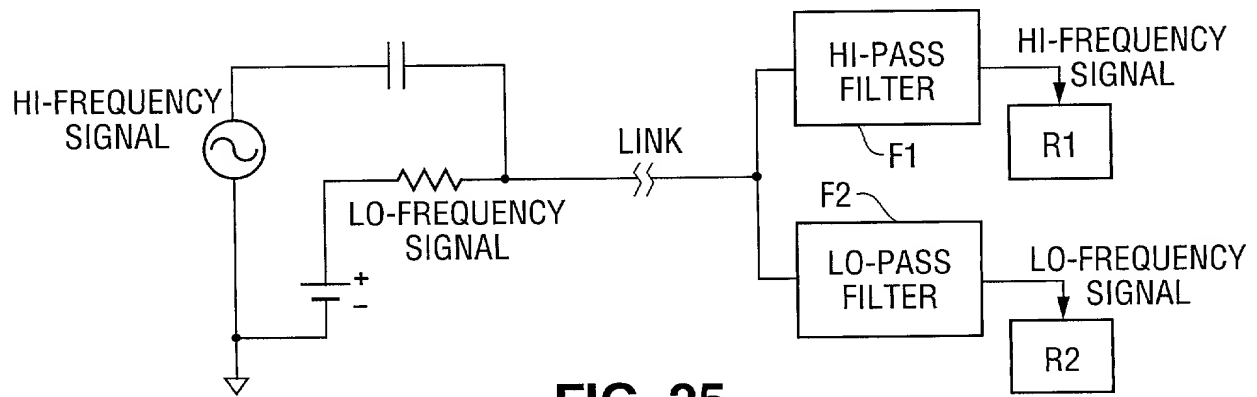
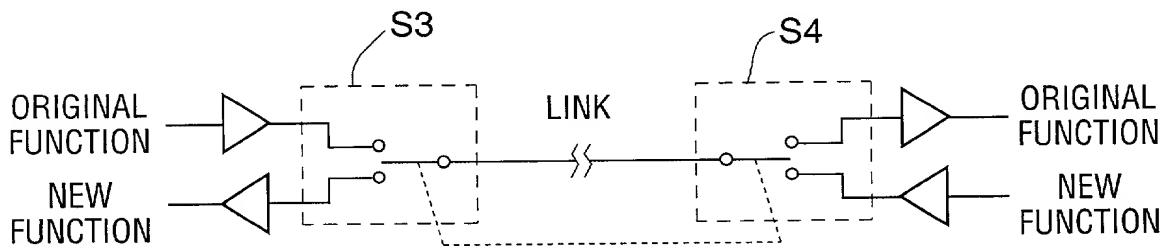
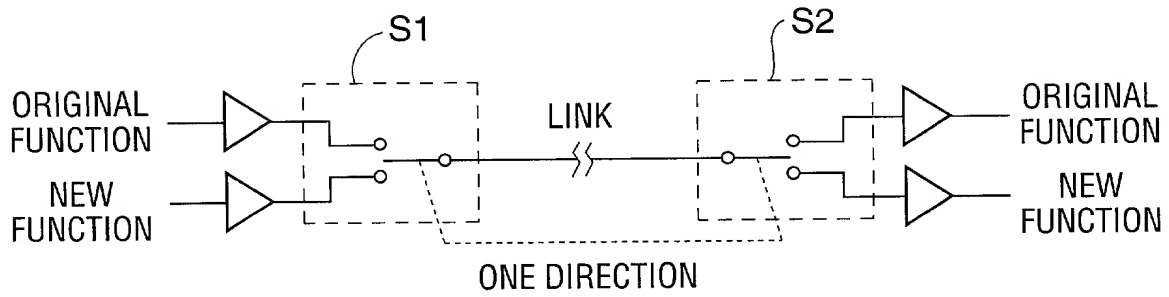


FIG. 22



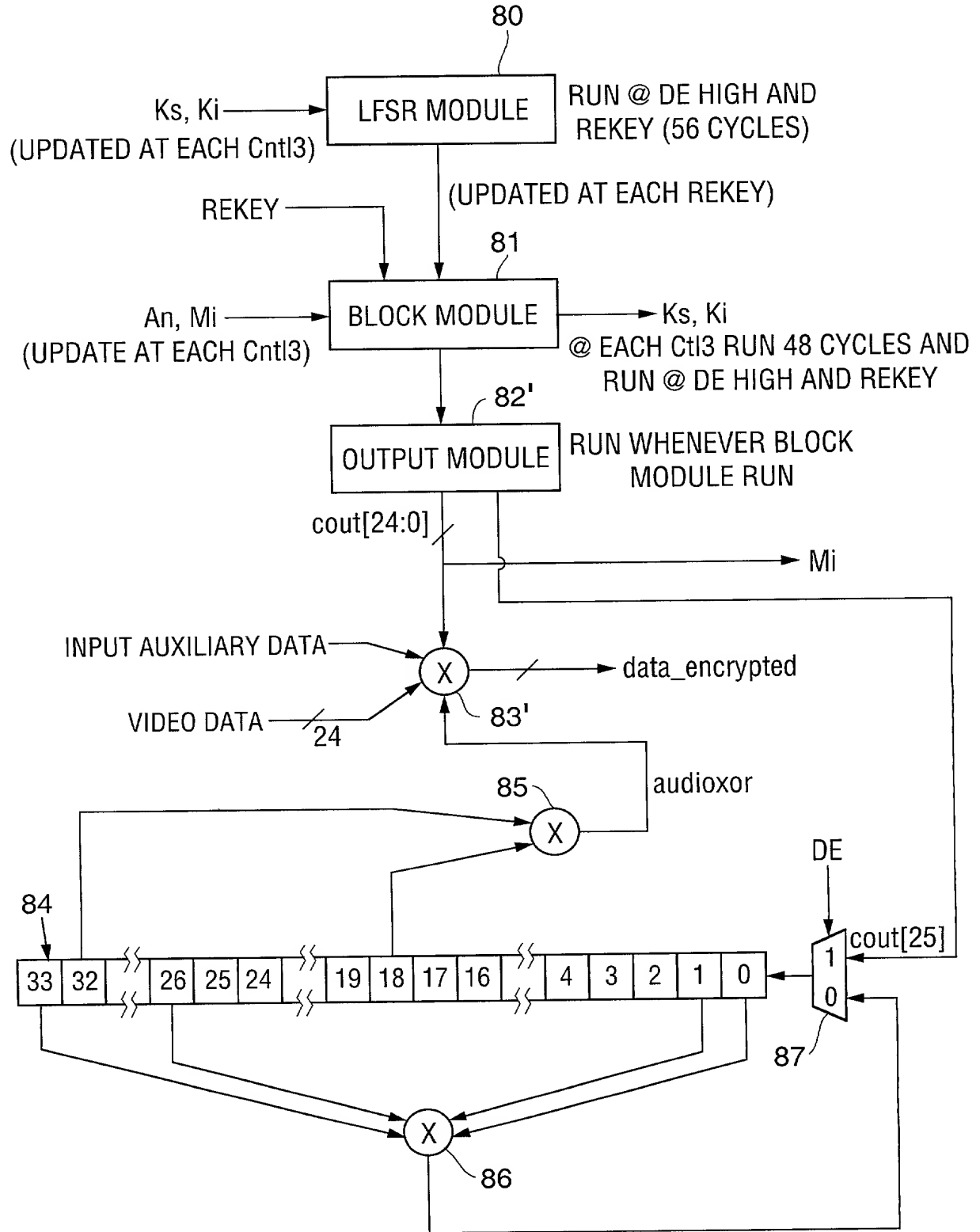


FIG. 27

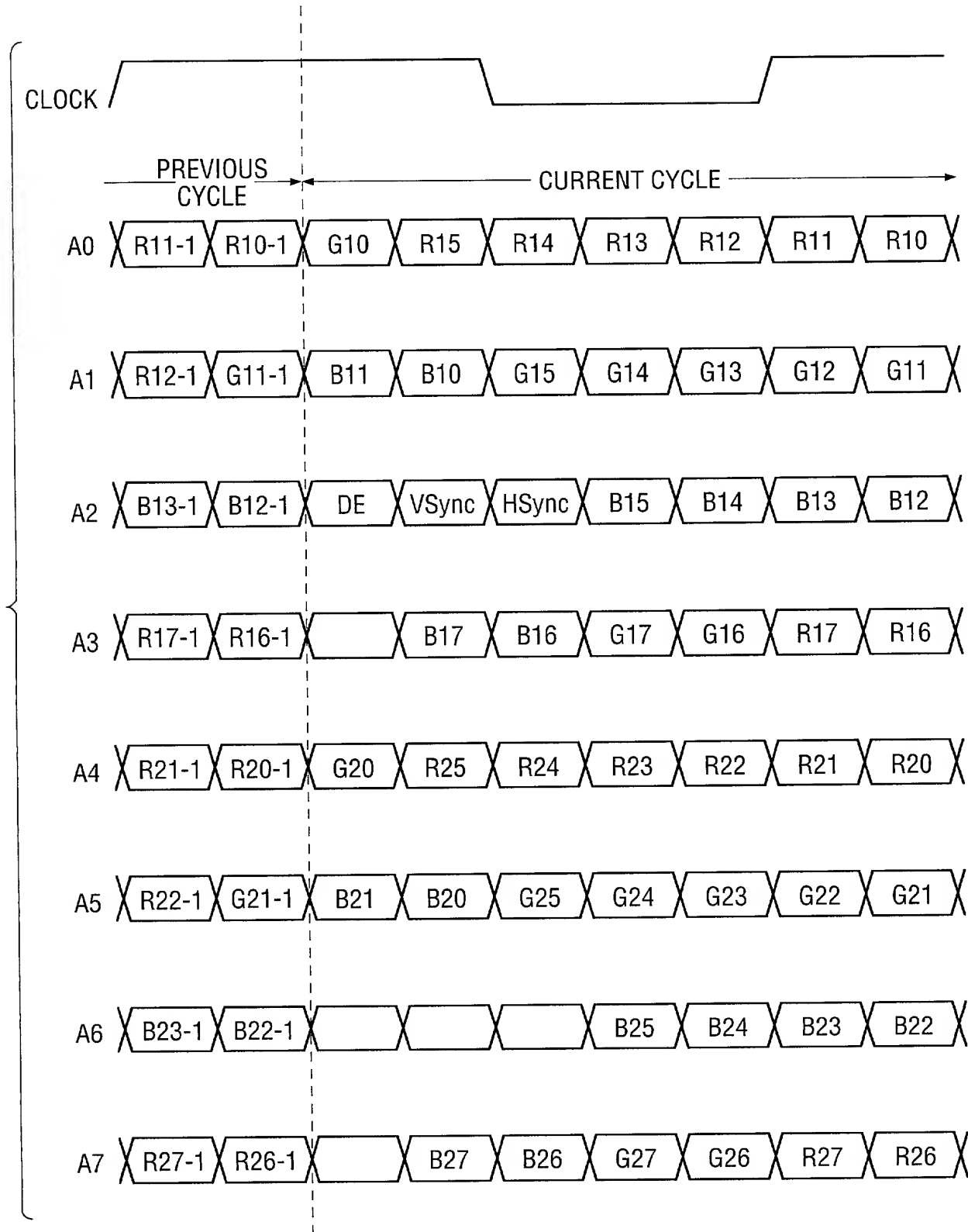


FIG. 28

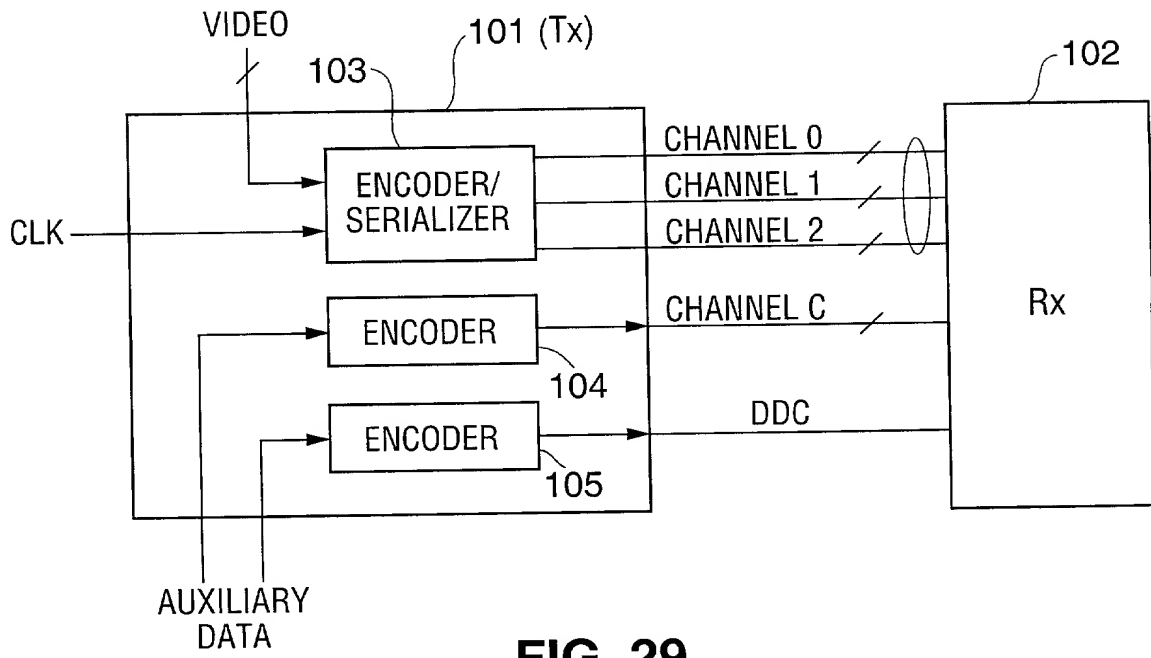


FIG. 29